

Eugenio F Fornasiero

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,738
citations

394286

19
h-index

414303

32
g-index

38
all docs

38
docs citations

38
times ranked

2759
citing authors

#	ARTICLE	IF	CITATIONS
1	QuickPALM: 3D real-time photoactivation nanoscopy image processing in ImageJ. <i>Nature Methods</i> , 2010, 7, 339-340.	9.0	404
2	Precisely measured protein lifetimes in the mouse brain reveal differences across tissues and subcellular fractions. <i>Nature Communications</i> , 2018, 9, 4230.	5.8	219
3	BCAS1 expression defines a population of early myelinating oligodendrocytes in multiple sclerosis lesions. <i>Science Translational Medicine</i> , 2017, 9, .	5.8	138
4	Super-resolution imaging for cell biologists. <i>BioEssays</i> , 2015, 37, 436-451.	1.2	120
5	The role of synapsins in neuronal development. <i>Cellular and Molecular Life Sciences</i> , 2010, 67, 1383-1396.	2.4	104
6	N-cadherin specifies first asymmetry in developing neurons. <i>EMBO Journal</i> , 2012, 31, 1893-1903.	3.5	95
7	Newly produced synaptic vesicle proteins are preferentially used in synaptic transmission. <i>EMBO Journal</i> , 2018, 37, .	3.5	81
8	Global and Site-Specific Effect of Phosphorylation on Protein Turnover. <i>Developmental Cell</i> , 2021, 56, 111-124.e6.	3.1	57
9	Identification of a developmentally regulated pathway of membrane retrieval in neuronal growth cones. <i>Journal of Cell Science</i> , 2008, 121, 3757-3769.	1.2	53
10	Synapsins Contribute to the Dynamic Spatial Organization of Synaptic Vesicles in an Activity-Dependent Manner. <i>Journal of Neuroscience</i> , 2012, 32, 12214-12227.	1.7	52
11	The long noncoding RNA <i>neuroLNC</i> regulates presynaptic activity by interacting with the neurodegeneration-associated protein TDP-43. <i>Science Advances</i> , 2019, 5, eaay2670.	4.7	38
12	The synapsins: Multitask modulators of neuronal development. <i>Seminars in Cell and Developmental Biology</i> , 2011, 22, 378-386.	2.3	37
13	Monitoring mitochondrial translation in living cells. <i>EMBO Reports</i> , 2021, 22, e51635.	2.0	36
14	A nanobody-based fluorescent reporter reveals human α -synuclein in the cell cytosol. <i>Nature Communications</i> , 2020, 11, 2729.	5.8	33
15	Effects of phosphorylation and neuronal activity on the control of synapse formation by synapsin I. <i>Journal of Cell Science</i> , 2011, 124, 3643-3653.	1.2	32
16	A comparative analysis of the mobility of 45 proteins in the synaptic bouton. <i>EMBO Journal</i> , 2020, 39, e104596.	3.5	29
17	Cadherins as regulators of neuronal polarity. <i>Cell Adhesion and Migration</i> , 2015, 9, 175-182.	1.1	26
18	Distinct temporal hierarchies in membrane and cytoskeleton dynamics precede the morphological polarization of developing neurons. <i>Journal of Cell Science</i> , 2014, 127, 4409-19.	1.2	25

#	ARTICLE	IF	CITATIONS
19	Role of Calcineurin in Nicotine-Mediated Locomotor Sensitization. <i>Journal of Neuroscience</i> , 2007, 27, 8571-8580.	1.7	22
20	A mass spectrometry workflow for measuring protein turnover rates in vivo. <i>Nature Protocols</i> , 2019, 14, 3333-3365.	5.5	22
21	Protein lifetimes in aged brains reveal a proteostatic adaptation linking physiological aging to neurodegeneration. <i>Science Advances</i> , 2022, 8, .	4.7	22
22	The codon sequences predict protein lifetimes and other parameters of the protein life cycle in the mouse brain. <i>Scientific Reports</i> , 2018, 8, 16913.	1.6	17
23	N-cadherin: A new player in neuronal polarity. <i>Cell Cycle</i> , 2012, 11, 2223-2224.	1.3	11
24	Protein Phosphorylation in Depolarized Synaptosomes: Dissecting Primary Effects of Calcium from Synaptic Vesicle Cycling. <i>Molecular and Cellular Proteomics</i> , 2021, 20, 100061.	2.5	11
25	Pathological changes are associated with shifts in the employment of synonymous codons at the transcriptome level. <i>BMC Genomics</i> , 2019, 20, 566.	1.2	10
26	NanoSIMS observations of mouse retinal cells reveal strict metabolic controls on nitrogen turnover. <i>BMC Molecular and Cell Biology</i> , 2021, 22, 5.	1.0	9
27	Influence of Subcellular Localization and Functional State on Protein Turnover. <i>Cells</i> , 2021, 10, 1747.	1.8	8
28	Principles of brain aging: Status and challenges of modeling human molecular changes in mice. <i>Ageing Research Reviews</i> , 2021, 72, 101465.	5.0	7
29	Centrosome-dependent microtubule modifications set the conditions for axon formation. <i>Cell Reports</i> , 2022, 39, 110686.	2.9	6
30	Brain Long Noncoding RNAs: Multitask Regulators of Neuronal Differentiation and Function. <i>Molecules</i> , 2021, 26, 3951.	1.7	5
31	Synapsin I deletion reduces neuronal damage and ameliorates clinical progression of experimental autoimmune encephalomyelitis. <i>Brain, Behavior, and Immunity</i> , 2018, 68, 197-210.	2.0	3
32	A Reliable Approach for Revealing Molecular Targets in Secondary Ion Mass Spectrometry. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4615.	1.8	2
33	Cellular and Molecular Applications of Super-resolution Microscopy. , 2014, , 133-152.		0
34	In Vivo Protein Measurements Across Multiple Organs in the Zebrafish. <i>Methods in Molecular Biology</i> , 2021, 2218, 291-302.	0.4	0